



COPY OF PAPERS  
ORIGINALLY FILED

PATENT APPLICATION  
WNS Docket No. 14374.14

8/A  
4.30-02  
C Brown

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Dennis H. Runnoe

Serial No. 09/639,684

Filed: August 15, 2000

For: INTEGRAL CATHODE

Examiner: Courtney Thomas

)  
)  
)  
) Art Unit  
) 2882  
)  
)  
)  
)  
)  
)

TECHNOLOGY CENTER 2800

APR - 4 2002

RECEIVED

AMENDMENT AND RESPONSE TO FIRST OFFICE ACTION

Box: AMENDMENT  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

This communication is in response to the Examiner's Office Action mailed on October 17, 2001 (the "Office Action"). Please amend and reconsider the above-identified patent application as shown below in view of the remarks that follow.

Please amend the following:

**IN THE CLAIMS:**

Please amend claims 1, 5, 7, and 8, and add new claims 28 and 29 to read as follows:

**WORKMAN  
NYDEGER  
& SEELEY**

ATTORNEYS AT LAW  
A PROFESSIONAL CORPORATION

1000 EAGLE GATE TOWER  
EAST SOUTH TEMPLE  
LAKE CITY, UTAH 84111  
TELEPHONE (801) 533-9800  
FACSIMILE (801) 328-1707

RICK D. NYDEGGER  
DAVID O. SEELEY  
BRENT P. LORIMER  
THOMAS R. VUKSINICK  
LARRY R. LAYCOCK  
JONATHAN W. RICHARDS  
DAVID R. WRIGHT  
JOHN C. STRINGHAM  
JOHN M. GUYNN  
CHARLES L. ROBERTS  
GREGORY M. TAYLOR  
DANA L. TANGREN  
ERIC L. MASCHOFF  
CHARLES J. VEVERKA  
ROBYN L. PHILLIPS  
RICHARD C. GILMORET  
DAVID B. DELLENBACH  
R. BURNS ISRAELSEN  
DAVID R. TODD  
L. DAVID GRIFFIN

JESÚS JUANOS I TIMONEDA, Ph.D.  
ADRIAN J. LEE  
FRASER D. ROY  
CARL T. REED  
R. PARRISH FREEMAN, JR.  
PETER F. MALEN, JR.  
L. REX SEARS, Ph.D.  
ERIC M. KAMERATH  
ROBERT E. AYCOCK  
JENS C. JENKINS  
KEVIN W. STINGER  
WILLIAM J. ATHAY  
WILLIAM R. RICHTER  
TRENT H. BAKER  
RYAN D. BENSON  
SARA D. JONES  
TIGER KELLER

† ADMITTED ONLY IN CALIFORNIA

PATENTS  
TRADEMARKS  
COPYRIGHTS  
TRADE SECRETS  
UNFAIR COMPETITION  
LICENSING  
COMPLEX LITIGATION

MAILING ADDRESS:  
P.O. BOX 45862  
SALT LAKE CITY, UT 84145

INTERNET

HOME PAGE: <http://www.wnspatent.com>  
GENERAL E-MAIL: [info@wnspatent.com](mailto:info@wnspatent.com)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

COPY OF PAPERS  
ORIGINALLY FILED

In re application of

Runnoe

Serial No.:

09/639,684

Confirmation No.:

Unknown

Filed:

August 16, 2000

For:

INTEGRAL CATHODE

Examiner:

C. Thomas

BOX: AMENDMENT

Assistant Commissioner for Patents

Washington, DC 20231

TRANSMITTAL FOR AMENDMENT "A" AND RESPONSE

Sir:

Transmitted herewith is an Amendment A for entry in the above-identified application.

x To render the transmitted Amendment "A" timely filed enclosed are the following:

x Petition for a Two-Month Extension of Time; and

x PTO-2038 Credit Card Payment Form in the amount of \$400.00 to cover the fee for the extension of time.

x A Certificate of Deposit Under 37 C.F.R. § 1.8.

RECEIVED  
APR -4 2002  
TECHNOLOGY CENTER 2800

The fee has been calculated as follows:

			SMALL ENTITY		LARGE ENTITY	
CLAIMS REMAINING AFTER	HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADD'T'L FEE	RATE	ADD'T'L FEE
TOTAL 24	MINUS 24	= 0	X9		X18	0
INDEPENDENT 5	MINUS 3	= 2	X42		X84	168
1 <sup>st</sup> PRESENTATION OF MULTIPLE DEPENDENT CLAIM			+140=		+280=	
			TOTAL		TOTAL	\$168.00

- X PTO-2038 Credit Card Payment Form in the amount of \$168.00 is enclosed to cover the additional claim fee.
- X The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 23-3178.
- X Any filing fees under 37 CFR 1.16 for the presentation of extra claims.
- X Any patent application processing fees under 37 CFR 1.17.
- X A duplicate copy of this transmittal letter is attached.

Dated this 18<sup>th</sup> day of March, 2002.

Respectfully submitted,

*E. L. Maschoff*

ERIC L. MASCHOFF  
Attorney for Applicant  
Registration No. 36,596



022913

PATENT TRADEMARK OFFICE

ELM:kjb

G:\DATA\WPDOCS\KJB\ELMLTR\VARIAN\PTO\14 amendment trx.doc